



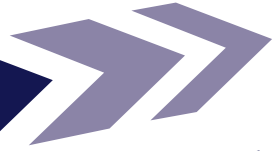
Parent Curriculum Guide

Fifth Grade

OSSEO AREA SCHOOLS

ISD  279

HOW TO USE THIS GUIDE



This curriculum guide gives parents information about what students are expected to learn in fifth grade.

- The first section lists important Lifelong Learning Skills, skill level expectations for fifth graders and tips about how parents can help build these skills.
- The next section is organized by subject area: mathematics, reading, communication, health, science, social studies, art, physical education, music.

Each subject includes a list of academic standards that teachers focus on with their students, most of which are determined by the state of Minnesota. Academic standards are statements that describe what students should learn and be able to do at each grade level. The **bold** statements are reporting standards used on student report cards, followed by bulleted statements giving examples of what students will be learning. At the end of each subject are some tips about what parents can do at home to support their students' learning.



Thank you for being an active partner
in your child's learning!

Problem Solver

- solves problems creatively
- identifies problems and determine multiple solutions
- decides and acts on the best solutions
- reflects and revises actions when challenges occur

Resourceful

- uses a variety of resources to help him or her learn
- evaluates and selects the best resources
- collaborates productively
- is curious and inquisitive

Responsible

- prepares for and engages in learning
- resists negative influences
- accepts the consequences of his or her behavior
- leads, follows and gives back to others

Self-Directed

- persists and thinks “I can” rather than “I can’t”
- sets goals and works to achieve them
- works independently and asks for help when needed
- reflects on his or her work and makes improvements

Skilled Communicator

- communicates ideas clearly through speaking, writing and visual images
- asks questions and exchanges ideas with others
- listens actively to understand meaning, values, attitudes and intentions
- recognizes the importance of diverse perspectives

- ask your child to think of alternate ways to solve a problem
- talk to your child about recycling to conserve resources
- help your child understand the importance of saying ‘no’ to the negative influences
- have your child try something on his or her own first, before assisting
- encourage positive self-talk that enables your child to confidently make decisions
- encourage your child to share ideas verbally, visually, and through writing

**NUMBERS AND OPERATIONS****Understands and uses numbers to solve problems**

- solves multi-digit problems using addition, subtraction, multiplication and division
- solves problems using addition and subtraction of fractions, mixed numbers, and decimals

ALGEBRA**Uses algebra strategies to solve problems**

- uses patterns, tables, and rules to recognize and show patterns of change
- uses the properties of arithmetic to write and solve problems with numbers
- interprets and writes equations and inequalities with variables and numbers to solve problems

- explore family resources at The Math Learning Center
 - mathlearningcenter.org
- ask your child explain his or her thought process while working through math homework at home
- have your child practice estimating how much money you would save when a discount is applied
- have your child find the likelihood of rolling a specific number on a die or drawing a card from a deck
- help your child practice multiplication and division facts
- have your child help with making modifications to a recipe
- have your child practice finding the perimeter (distance around), area (length times width), and volume (length times width times height) in household items
- have your child identify patterns in advertisements and store displays
- find everyday graphs and tables and have your child explain what the graph represents and the different parts of the graph
- help your child practice finding the difference in the weather from day to day
- point to various objects and have your child describe the number of edges, faces, and vertices in 3- dimensional figures including cubes, prisms, and pyramids

GEOMETRY AND MEASUREMENT

Uses geometry and measurement skills to solve problems

- describes, classifies and draws representations of three-dimensional figures
- calculates area, volume and surface area

DATA ANALYSIS

Uses data to solve problems

- calculates the mean, median and range of a set of data
- calculates and analyzes graphs

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READING

WHAT CAN YOU DO AT HOME TO SUPPORT THEM?

Reads grade level materials independently

- reads a variety of grade level materials, both fiction and non-fiction
- accurately reads grade level materials with expression and appropriate pacing

- explore resources by visiting Benchmark Universe
 - you can access this at clever.com using your Osseo student login

COMPREHENSION/LITERATURE

Uses comprehension strategies to understand fictional materials

- determines the theme in literature
- uses specific details in the reading to compare and contrast two or more characters, settings, or events
- explains how chapters, scenes, or stanzas fit together to provide the overall structure of a reading
- explains how a narrator's or speaker's point of view influences how events are described

- visit the local library and the website: www.hclib.org
- explore books in other languages
- share your appreciation for reading in everyday tasks (instructions, directions, movie reviews, etc.)
- have your child build a daily reading routine
- have a space for your child to keep his or her books and read aloud each day (to you, a sibling, a pet, etc.)
- discuss new words and how to figure out their meaning
- after reading a book, talk about the characters' personality and relate them to your family life
- have your child create a digital book review

Uses comprehension strategies to understand non-fiction materials

- quotes accurately from a reading when explaining what a passage explicitly states and when drawing inferences
- determines two or more main ideas of a reading and explains how they are supported by key details
- summarizes the reading
- integrates information from several readings on the same topic in order to write or speak about the subject knowledgeably
- compares and contrasts text structure in two or more readings
- explains how an author uses reasons and evidence to support points in a reading and identifies which reasons support which point(s)



VOCABULARY/WORD ANALYSIS

Uses vocabulary strategies to make sense of readings

- uses context to confirm or self-correct words, rereading when necessary
- uses Greek and Latin affixes and roots as clues to the meaning of a word
- demonstrates understanding of figurative language and word relationships
- recognizes and explains the meaning of common phrases
- understands and uses synonyms, antonyms and homographs

Uses word analysis skills to read and write new words

- uses letter sounds, syllables and morphology (roots-affixes) to read unfamiliar words in and out of context



COMMUNICATION

WHAT CAN YOU DO AT HOME TO SUPPORT THEM?

WRITING

Writes effectively for a variety of purposes

- uses the writing process (pre-write, draft, revise, edit, publish)
- writes opinion pieces with advanced organization and well-supported arguments
- writes well-developed & detailed informative materials, presented in a format that helps the reader understand them
- writes narratives and other creative materials using descriptive details, clear event sequences, and techniques such as dialogue, description, and pacing to develop experiences or show the responses of characters to situations

Uses punctuation, grammar, and spelling correctly when writing

- uses commas correctly in sentences
- uses punctuation correctly
- uses reference materials, as needed, to check spelling

SPEAKING, VIEWING, LISTENING, MEDIA, AND TECHNOLOGY

Communicates knowledge and ideas about a range of subject areas to an audience in a variety of ways

- participates in collaborative conversations with a variety of partners about grade level topics and materials
- distinguishes among, understands, and uses different types of print, digital, and multimedia formats

- have your child keep a journal to record events that happen, give feedback to help him or her improve descriptive word choices
- have your child write a letter to a cousin or family member
- look at photos of family activities with your child and discuss memories
- have your child practice writing an e-mail with appropriate capitalization, spelling, punctuation, etc.
- have your child practice keyboard skills

- communicates using a variety of formats (spoken, written, digital, multimedia)
- uses various technology tools to communicate learning

HEALTH

WHAT CAN YOU DO AT HOME TO SUPPORT THEM?

Understands and demonstrates health skills and concepts to make healthy choices

- understands basics of healthy living
- uses reliable information to make healthy life choices
- knows the difference between communicable, non-communicable, chronic, and acute diseases
- knows parts of both gender's reproductive systems

- have your child practice planning/making a balanced meal
- encourage daily exercise/activities
- discuss the importance of taking care of your body and proper personal hygiene with your child
- talk with your child about his or her developmental and body changes

SCIENCE

WHAT CAN YOU DO AT HOME TO SUPPORT THEM?

Understands and demonstrates science skills and concepts

VARIABLES

- describes what happens to a system when one part changes
- describes the relationships between variables

ENVIRONMENTS

- describes what happens to a system when one part changes
- gives examples of how humans change environments that benefit or harm living things

LEVERS AND PULLEYS

- gives examples of simple machines and shows how they change the input/output of forces and motion
- represents the motion of an object's position, direction, and speed on a graph

- explore resources at <http://www.fossweb.com/>
 - access with classroom log-in information obtained from your child's teacher
- create a list of pulleys and levers found around the home/community
- after a heavy rainfall, have your child look for ways the environment changed
- help your child plant a garden and journal the changes observed daily
- conduct small experiments around the house with your child where a variable is changed to create a different results (towel hung up after being used - dry, towel left in a pile on the floor - damp)

SOCIAL STUDIES

WHAT CAN YOU DO AT HOME TO SUPPORT THEM?

Understands and demonstrates social studies skills and concepts focusing on the history of North America (up to 1800) with a strong emphasis on citizenship and government

CITIZENSHIP AND GOVERNMENT

- describes the functions of the three branches of government
- understands and applies decision-making processes to make choices

- explore resources at EduPlace
 - <https://secure.eservices.eduplace.com/eservicesadmin/login.do?targeturl=/eservices/>
 - username: online05, password: book05
- plan a field trip to the Mill City Museum and/or Fort Snelling
- ask your child to have discussions with family members or friends about why they immigrated to the United States

ECONOMICS

- understands the various uses of income and discusses the advantages and disadvantages of each
- identify goals and make revisions as needed

GEOGRAPHY

- explains how geographic factors affected land use in the colonies/U.S.
- creates and uses various maps, including spatial information

HISTORY

- interprets the connections between historical events
- explains a historical perspective from multiple points of view

- talk about the pros and cons of various decisions with your child
- use different types of regional maps to discuss how the environment affected the population
- have your child research who the elected leaders are in the state of Minnesota (Governor, Senator, House of Representative, and other delegates)

ART

WHAT CAN YOU DO AT HOME TO SUPPORT THEM?

Understands and demonstrates art skills and concepts

- creates, revises, reflects on, and displays original two and three dimensional artwork
- describes how color, line, shape, space, and texture are used to create artwork
- compares and contrasts the social, cultural, and historical contexts of artwork

- take a fieldtrip to a local art museum and discuss the various art elements
- encourage art experiences at home so your child can experience using various art tools

PHYSICAL EDUCATION

WHAT CAN YOU DO AT HOME TO SUPPORT THEM?

Demonstrates competency in motor skills

- performs skills in the areas of body control, propelling, receiving, striking, and fitness
 - demonstrates different body control skills through jumping rope and rhythms
 - demonstrates a variety of skills specific to certain sports
 - soccer, lacrosse, volleyball, softball, tennis
 - demonstrates safe behaviors while engaged in physical activities

- ask questions about what your child learned in physical education
- encourage your child to be active
- encourage your child to limit electronic time or find electronics that keep him or her physically active
- do family activities together and play together
- encourage healthy snacks for school and home
- try new fruits and vegetables
- try new physical activities

Demonstrates understanding of cognitive concepts

- understands Newton's Second Law and Newton's Third Law (action/reaction)
- identifies safe behaviors in physical activities
- identifies appropriate rules and etiquette related to physical activities
- identifies appropriate player positions, player responsibilities, and activity strategies related to physical activities

Achieves a healthy level of physical fitness

- demonstrates a variety of fitness skills including push ups, curl ups, sit and reach, and cardio-respiratory endurance (continuous movement, pacer, mile run)
- understands the 4 components of fitness and how to improve each one

MUSIC

WHAT CAN YOU DO AT HOME TO SUPPORT THEM?

Demonstrates knowledge of the foundations of music

- understands music notation including pitch, rhythm, terms, and symbols

Demonstrates use of music skills

- sings with accurate pitch
 - consistently participates in singing
 - demonstrates proper posture, breathing, technique, age-appropriate tone quality, and expressive intent
 - sings songs from various cultures
 - reflects on performance
- performs accompaniment to a song and reflects on performance
- sings or plays 3-pitch melodies from staff notation
- reads and performs rhythm patterns including quarter note/rest, eighth notes, half note/rest, whole note/rest, dotted half note, tie, syncopation, 4 sixteenth notes using time signatures, claps rhythm patterns or plays rhythms on non-pitched percussion instruments
- writes a musical composition including revisions based on feedback and reflects on the creative process

- listen to music from a variety of cultures and genres including pop, classical and folk
- talk about the lyrics of the music
- encourage opportunities for singing or playing instruments in school or the community
- arrange for daily practice at home if your child is in band or orchestra
- attend performances of family and friends, concerts in the community, and concerts by the Minnesota Orchestra
- talk about the unique ways to use music to express yourself

If you have any questions about this curriculum guide,
contact your child's teacher.